

### Claim Amendments

1. (Currently Amendment) A method for generating cool air, comprising:  
contacting a wastewater with a superabsorbent polymer;  
allowing the superabsorbent polymer and the wastewater to interact until substantially all  
of the wastewater is absorbed by the superabsorbent polymer; and  
evaporating the water from the superabsorbent polymer, wherein evaporating the water is  
facilitated by the use of a fan.
2. (Original) The method of claim 1 wherein the evaporating step is performed in the  
presence of a heat exchanger.
3. (Original) The method of claim 1 wherein the superabsorbent polymer is an organic  
cross-linked acrylamide/acrylic acid copolymer.
4. (Original) The method of claim 1 wherein the superabsorbent polymer is added to the  
wastewater in an amount of from about 2 grams to about 200 grams per liter of wastewater.
5. (Cancelled)
- 6-12 (Withdrawn)
13. (Currently Amended) A method for generating cool air utilizing superabsorbent  
polymers, comprising:  
providing a perforated top;  
placing a superabsorbent polymer that has absorbed water in a space above the top  
[device]; and  
forcing air through the top across the polymer such that the absorbed water is evaporated.
14. (Original) The method of claim 13 further comprising collecting cool air from a  
passageway adjacent the top.

15. (Original) The method of claim 13 wherein the superabsorbent polymer is an organic cross-linked acrylamide/acrylic acid copolymer.

16. (Original) The method of claim 13 wherein the water is a wastewater.

17. (Original) The method of claim 16 wherein the wastewater is a wastewater from an animal rearing facility.

18. (New) A method for generating cool air utilizing superabsorbent polymers, comprising:

providing a perforated structure;

placing a superabsorbent polymer in a space adjacent the perforated structure;

absorbing water with the superabsorbent polymer; and

forcing air through the perforated structure such that the absorbed water in the polymer is evaporated.

19. (New) The method of claim 18 further comprising collecting cool air from a passageway adjacent perforated structure.

20. (New) The method of claim 18 wherein the superabsorbent polymer is an organic cross-linked acrylamide/acrylic acid copolymer.

21. (New) The method of claim 18 wherein the water is a wastewater.

22. (New) The method of claim 21 wherein the wastewater is a wastewater from an animal rearing facility.